

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1310835

Luminaire Tested: P3SQAS02R259050DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310835
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259050DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

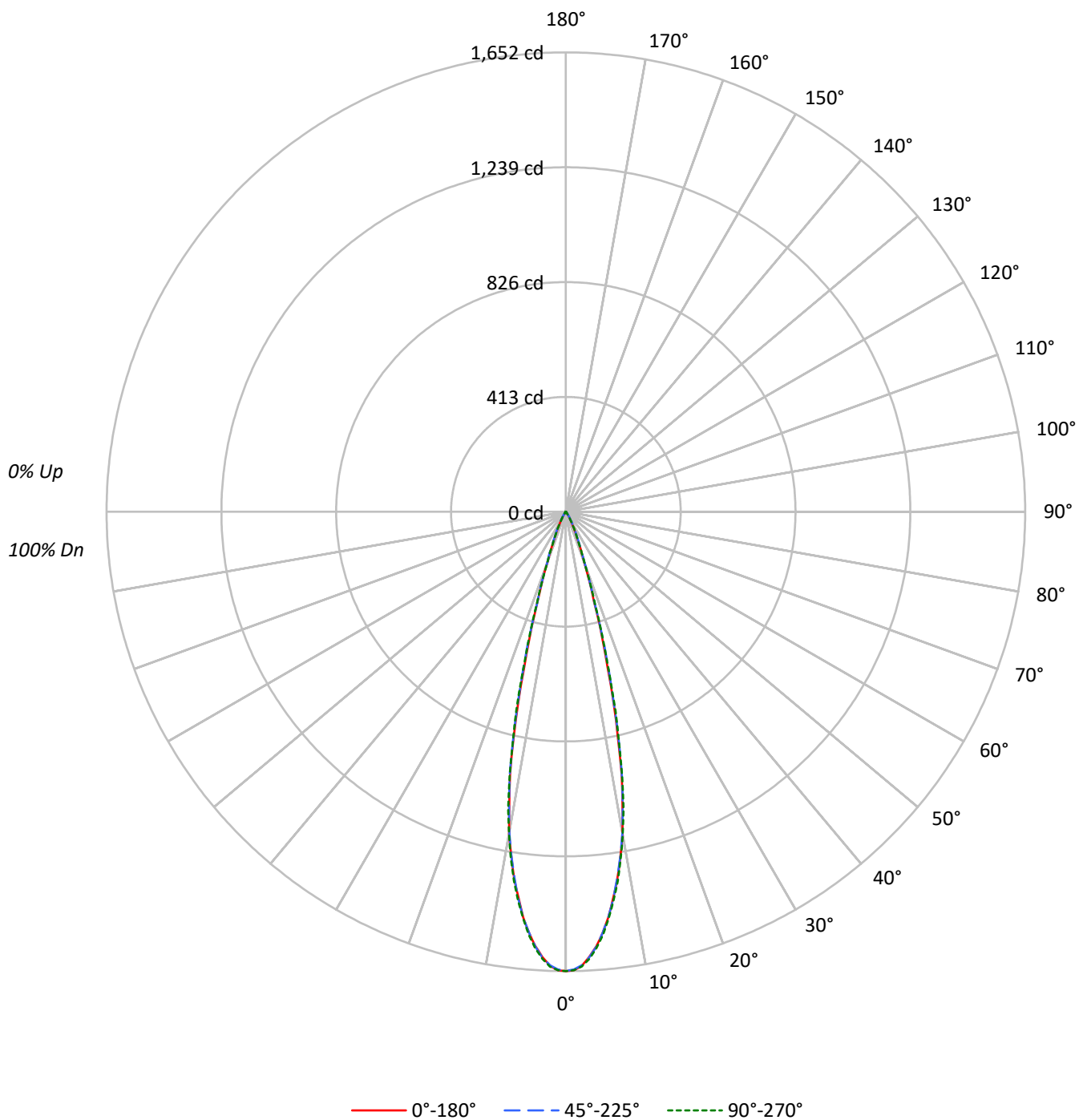
Lumens per Lamp: N/A
Luminaire Lumens: 349.0 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1310835

CATALOG NUMBER: P3SQAS02R259050DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1310835

CATALOG NUMBER: P3SQAS02R259050DE010 E3SQCD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	109	108	107	106	105		103	102	102		100
2	112	108	105	103	110	106	104	102	103	101	100		101	99	97		98
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83
10	90	84	80	78	89	84	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	284512	284512	284512
5°	262796	262709	264179
10°	205291	204731	206130
15°	103270	107585	107496
20°	35336	36307	35720
25°	14195	15962	14803
30°	5767	6881	5608
35°	1682	3028	1682
40°	787	1326	787
45°	268	511	268
50°	134	214	134
55°	150	150	150
60°	172	172	172
65°	122	122	122
70°	151	151	151
75°	200	200	200
80°	0	298	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 511 cd/sqm

TEST NUMBER: P1310835

CATALOG NUMBER: P3SQAS02R259050DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.0	38.4
10°-20°	164.0	47.0
20°-30°	40.1	11.5
30°-40°	8.3	2.4
40°-50°	1.5	0.4
50°-60°	0.5	0.1
60°-70°	0.4	0.1
70°-80°	0.3	0.1
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	338.1	96.9
0°-40°	346.4	99.3
0°-60°	348.3	99.8
0°-90°	349.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	349.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1652	1652	1652	1652	1652	
5°	1520	1522	1520	1523	1528	134
15°	579	589	603	606	603	162
25°	75	78	84	79	78	38
35°	8	11	14	11	8	7
45°	1	2	2	2	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1310835

CATALOG NUMBER: P3SQAS02R259050DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1652.0	1652.0	1652.0	1652.0	1652.0
1°	1648.8	1646.7	1646.2	1646.4	1649.1
2°	1633.9	1632.6	1632.3	1633.1	1636.9
3°	1603.6	1605.2	1605.8	1608.4	1610.3
4°	1566.4	1569.6	1568.3	1571.4	1573.6
5°	1520.1	1521.5	1519.6	1522.8	1528.1
6°	1466.1	1461.3	1465.9	1467.2	1470.9
7°	1398.9	1399.9	1401.5	1403.1	1408.7
8°	1332.6	1329.4	1328.6	1336.1	1340.6
9°	1255.2	1255.8	1252.9	1261.4	1262.7
10°	1173.9	1167.2	1170.7	1177.3	1178.7
11°	1066.4	1064.6	1069.6	1080.0	1088.2
12°	965.6	966.7	972.0	975.5	973.6
13°	832.4	840.4	847.0	850.5	846.0
14°	711.9	711.9	720.4	721.8	738.0
15°	579.2	589.1	603.4	606.1	602.9
17.5°	334.6	335.9	342.8	342.5	347.6
20°	192.8	194.7	198.1	197.3	194.9
22.5°	116.0	119.9	128.2	121.5	119.7
25°	74.7	78.2	84.0	79.3	77.9
27.5°	46.8	49.2	53.7	49.5	47.3
30°	29.0	30.3	34.6	30.6	28.2
32.5°	15.7	19.1	22.6	19.1	15.7
35°	8.0	11.2	14.4	10.9	8.0
37.5°	5.3	6.4	9.3	6.1	5.3
40°	3.5	4.3	5.9	4.3	3.5
42.5°	1.9	2.7	3.2	2.9	1.9
45°	1.1	1.6	2.1	1.6	1.1
47.5°	0.8	0.8	1.3	0.8	0.5
50°	0.5	0.5	0.8	0.5	0.5
52.5°	0.5	0.5	0.5	0.5	0.5
55°	0.5	0.5	0.5	0.5	0.5
57.5°	0.5	0.5	0.5	0.5	0.5
60°	0.5	0.5	0.5	0.5	0.5
62.5°	0.5	0.5	0.5	0.5	0.5
65°	0.3	0.5	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.3	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1310835
CATALOG NUMBER: P3SQAS02R259050DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)